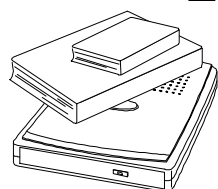# PCMCIA
DVD-ROM Installation
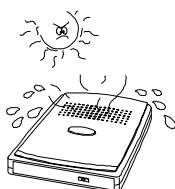# Manual

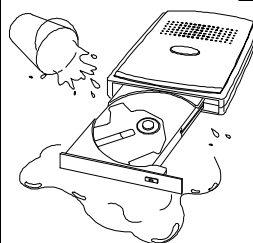## *PRECAUTIONS*

READ THIS SECTION CAREFULLY BEFORE STARTING TO USE THE **PCMCIA DVD-ROM**.
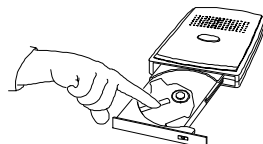
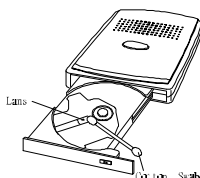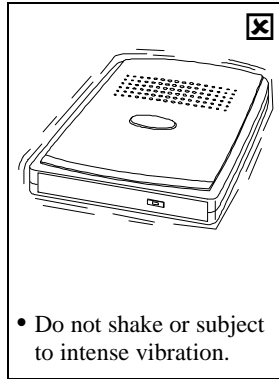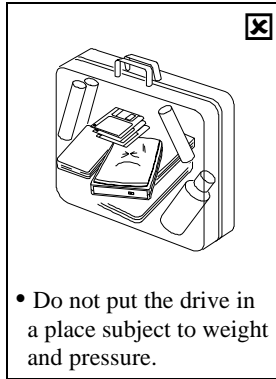|		
• Do not place heavy objects on the drive.	• Do not expose the drive to direct sunlight or heat. Do not leave it in a hot automobile.	• Do not spill liquid on the unit.
• Do not touch the lens.	• Clean the lens with a dry cotton swab or compressed air. to protect it from dust	• Clean the outside of the player with a soft, dry cloth.

- Do not shake or subject to intense vibration.

- Do not put the drive in a place subject to weight and pressure.
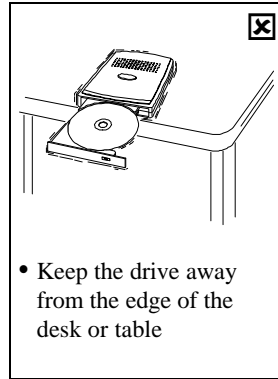
- Keep the drive away from the edge of the desk or table
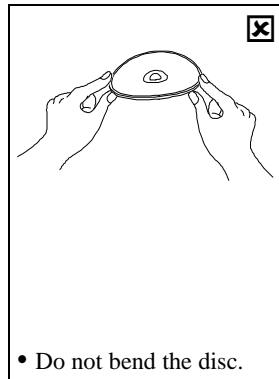
- Do not bend the disc.
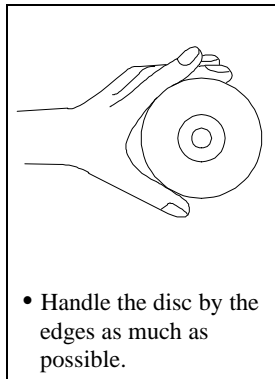
- Handle the disc by the edges as much as possible.
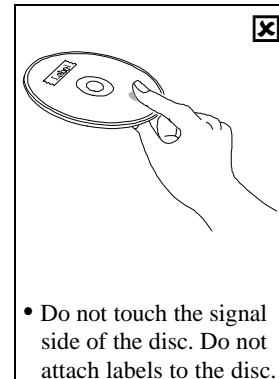
- Do not touch the signal side of the disc. Do not attach labels to the disc.

- Condensation can form on the lens if the DVD-ROM is moved from a cold temperature to a warmer environment. This can result in the len's inability to properly read the disc. If this occurs, remove the disc and leave the power on. After one hour, reinsert the disc and try again.

- Do not expose the disc to the direct sunlight. Do not store the disc in a room with high temperature or high humidity.

- To avoid dust, scratches, bending, etc., always store the disc in its case.

- Use a soft and dry cloth in a circular motion to wipe the disc. Do not use benzine, record cleaner, static electricity prevention fluid, or any other liquid as it may damage the disc.

PART NAMES AND FUNCTIONS

FRONT PANEL

The front panel of your DVD-ROM may look slightly different from the figure shown below. The key parts and functions, however, are the same regardless their locations.

1. **Eject button:**

    Press this button to eject the tray.

2. **Access LED:**

    This LED will blink when the drive is accessing the disc.

3. **Emergency Hole:**

    Insert a pin shaped item to manually eject the tray in case of power-off.

4. **Power LED:**

    This LED will light when power is on.
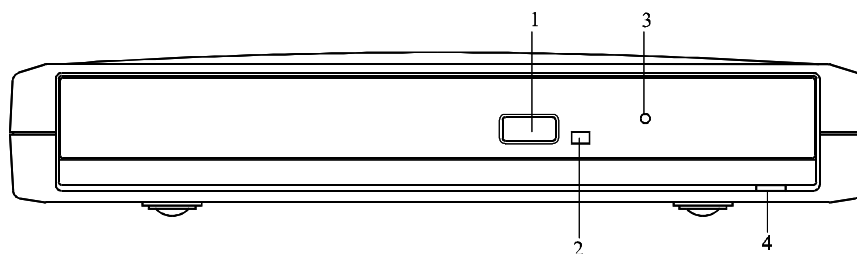
Figure 1

1. **Power Button:**

   Press the button to manually power on/off the drive when it is powered by an AC adapter.

2. **DC in Jack:**

   This jack connects to the AC adapter.

3. **Power Source Switch:**

   This switch is used to select the power source. When the Switch is set to "PC", then PCMCIA power direct is selected. When it is set to "DC", an AC adapter is required to power the CD-ROM/DVD-ROM.

4. **PCMCIA Interface Connector:**

   Connects the drive to the PCMCIA interface card.

5. **Audio Line Out Jack:**

   Sends audio signal to an external amplifier.

Figure 2

POWER SOURCE

The PCMCIA DVD-ROM can be either powered by an AC adapter or directly from the computer via the PCMCIA socket.

The POWER LED indicates the power state. It will always light up when the power supply is in the normal condition.

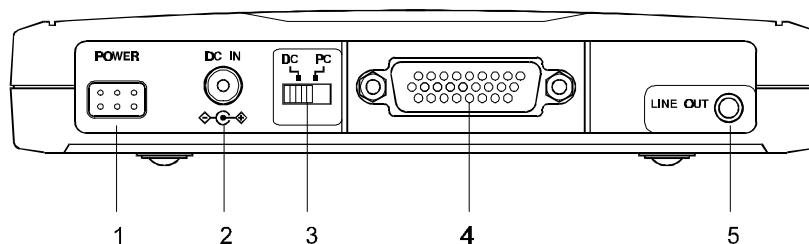**SELECTING THE POWER SOURCE**

The POWER SOURCE SWITCH (as shown in 3 of Figure 2) is used for selecting the power source.

When the POWER SOURCE SWITCH is set to "PC" as Figure A shows, PCMCIA power direct is selected, the DVD-ROM drive will obtain power from the PCMCIA socket of your computer. If your computer can not supply enough power to operate the DVD-ROM drive, you must use the external power as described below.

Figure A   Figure B

When the POWER SOURCE SWITCH is set to "DC" as Figure B shows, external power is selected, and an AC adapter is required.

POWER DIRECT FROM PCMCIA SOCKET

1.   Set the power source switch in "PC" position.

2.   Plug the PCMCIA card and go.

CAUTION
To select direct power from PCMCIA socket of the computer while using the PCMCIA DVD-ROM, your computer must have enough energy to power the PCMCIA DVD-ROM. If not, your system can not function properly and may reboot automatically or just freeze. In this case, the correct AC adapter is required to power the drive. If your PCMCIA DVD-ROM does not include an AC adapter, contact your dealer for the correct AC adapter.

CONNECTING THE AC ADAPTER

1.   Set the power source switch in "DC" position.

2.   Connect the AC adapter plug to the DC IN jack at the rear panel of the DVD-ROM drive.

3. Attach the AC adapter to the AC power outlet.

4. Insert the PCMCIA card and the unit now ready.

CAUTION
Use only the AC adapter provided with this unit. Using the incorrect AC adapter may cause permanent and unpredictable damage to the PCMCIA DVD-ROM.

HARDWARE INSTALLATION

Power off your system before connecting the PCMCIA DVD-ROM to your computer.

1. Connect the PCMCIA interface card to the DVD-ROM drive. Press firmly until the connector is seated, and tighten the two screws on the cable connector.

2. Place the drive in a horizontal position. The drive is designed to operate only in a horizontal position. Operating the drive in any abnormal position is not recommended.

3. Make sure that the cable of the PCMCIA interface card is firmly connected to the interface connector at the back panel of the DVD-ROM drive.

4. Locate the PCMCIA slot of your computer or consult your computer user's manual for its location.

5. Align the PCMCIA interface card with the arrow sign pointing toward the computer's slot. (Please note that the card is keyed to guide for proper insertion.)

6. Slowly insert the PCMCIA interface card into the slot and press firmly until the connector is seated.

7. Turn the system ON to install the PCMCIA DVD-ROM device driver. Please follow the Software Installation procedures.
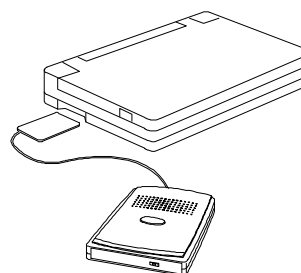
CAUTION
You should connect the PCMCIA interface card to the DVD-ROM drive first before inserting the PCMCIA interface card into your computer. DO NOT connect/disconnect the PCMCIA interface card to/from the DVD-ROM drive when the system is in the power-on state.

SOFTWARE INSTALLATION

SOFTWARE INSTALLATION FOR WINDOWS 95

If you are inserting the PCMCIA DVD-ROM into your computer for the very first time, and an "Update Device Driver Wizard" dialog box appears as below, it means your Windows 95 is version 4.00.950B, i.e. OSR 2.
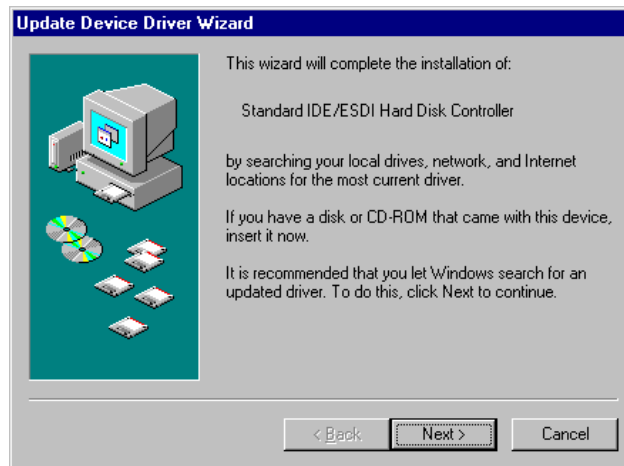
In this case, perform the following steps for installing the PCMCIA DVD-ROM under Windows 95. Otherwise, ignore and skip this section and read the next section for installing the PCMCIA DVD-ROM for Windows 95. (older version)
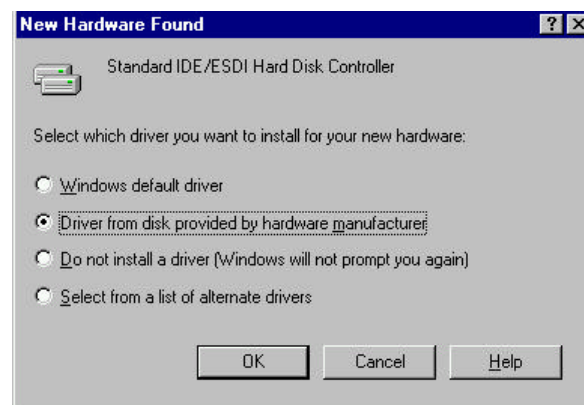
1. Insert the PCMCIA DVD-ROM device driver disk into your floppy drive.

2. Click the Next button.

3. Click the Finish button. All the remaining installations will then proceed automatically.

Please note that it is not necessary to connect the PCMCIA DVD-ROM every time you reboot your computer; connect it only when you need to use it.

Installing the PCMCIA DVD-ROM Under Windows 95 (Older Versions)

If you are using the PCMCIA DVD-ROM under Windows 95 for the very first time, and your Windows 95 is version 4.00.950 or 4.00.950a, the following dialog will appear.

(If the dialog box does not appear and the CD-ROM folder can not be found in My Computer, please refer to the section titled "Enabling 32-bit Card Support".)

Select "Driver from disk provided by hardware manufacturer" and click the OK button. Windows 95 will then prompt you to insert the manufacture's installation disk. Insert the PCMCIA DVD-ROM device driver disk into your floppy drive. Specify the directory as A:\ (or B:\ whichever contains

the diskette) and select OK. All the remaining installations will then proceed automatically.

Please note that it is not necessary to connect the PCMCIA DVD-ROM every time you reboot your computer; connect it only when you need to use it.
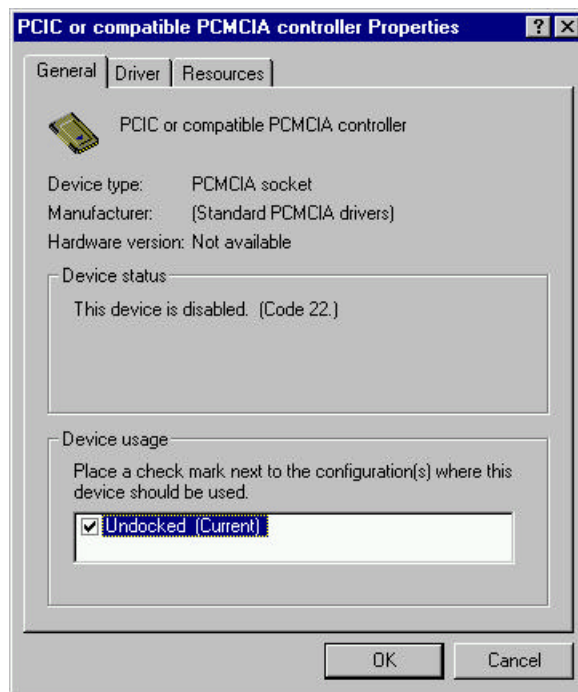
Enabling 32-bit Card Support

Your system should be ready for PCMCIA socket support prior to operating the PCMCIA DVD-ROM. To check whether your computer has the PCMCIA Socket supported, first, double-click on the "System" icon from the "Control Panel" folder (you can select the "Control Panel" under "Settings" from the "Start" menu to open the "Control Panel" folder).
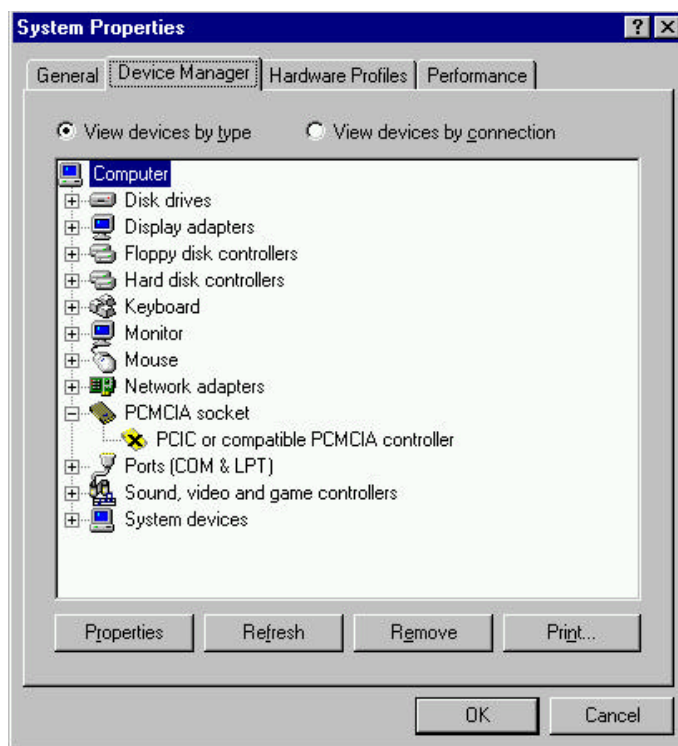
Click on the Device Manager Tab. If "PCMCIA Socket" is found with a cross (x) sign next to the PCMCIA Controller as the above figure shows, it means the PCMCIA device driver is not using 32-bit Card Support.

Double-click on the PCMCIA Controller, and a dialog box will be displayed as below. Place a check mark next to the current configuration of the Device usage box, then select OK.

After the PCMCIA 32-bit Card Support is installed, Windows will ask you to reboot your computer. You should now refer to the previous section for installing the PCMCIA DVD-ROM device driver.

If the PCMCIA Socket is not found, then you must add a PCMCIA socket to your system. Please click on the "Adding New Hardware" icon in the Control Panel folder and select "PCMCIA socket". Select the appropriate type of PCMCIA Controller that matches yours and follow the on-screen instructions.

SOFTWARE INSTALLATION FOR WINDOWS NT

Before You Begin

♦ Be sure the Windows NT you are to install is version 3.51 or higher.

♦ Since Windows NT does not support the "Hot Insert/Remove" feature, the PCMCIA DVD-ROM should be connected with your computer prior to starting Windows NT. Likewise, do not remove the PCMCIA DVD-ROM before you shut down Windows NT.

♦ In Windows NT, the I/O and IRQ settings of PCMCIA DVD-ROM can not be changed. Therefore, if the settings conflict with other devices you are using, change the I/O or IRQ of other device to avoid conflicts.
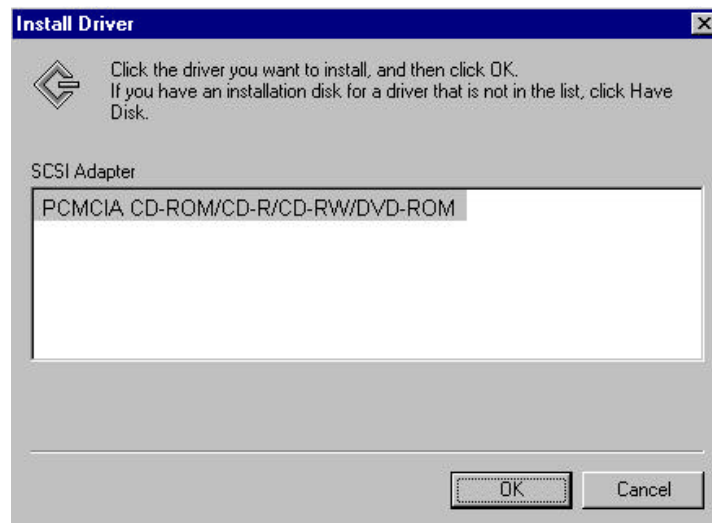
Using the PCMCIA CD-ROM/DVD-ROM Under Windows NT

To install the PCMCIA DVD-ROM device driver, double click the "SCSI Adapter" icon from "Control Panel" folder. (In Windows NT 4.0, you may select "Control Panel" under "Settings" from the "Start" menu to open the "Control Panel" folder.)

Click "Drivers" tab, and a figure illustrated as below will be displayed.
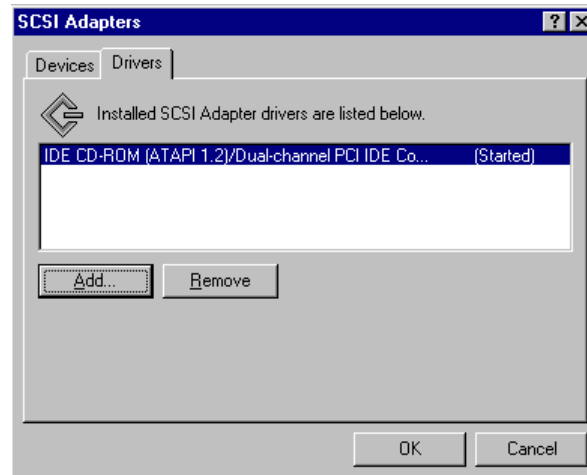
Click "Add" button, and click "Have Disk..." button. Windows NT will then prompt you to insert the manufacturer installation disk. Insert the device driver disk into your floppy drive. Specify the directory as A:\WINNT (or B:\WINNT whichever contains the diskette) and select OK. When the following dialog box appears, select the PCMCIA CD-ROM/CD-R/CD-RW/DVD-ROM and click the OK button.

Follow the on-screen instruction to continue. After finishing, Windows NT will prompt you to restart your computer to activate the new device driver for Windows NT.
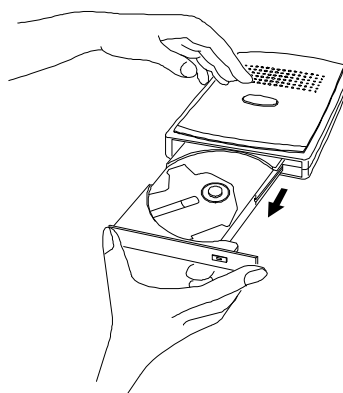
USING THE PCMCIA DVD-ROM

BASIC OPERATING PROCEDURE

1. Make sure there is power to your drive.

2. Push gently but firmly, the eject button on the front panel to open the tray. The tray will come out a short distance of about 2.5 cm.
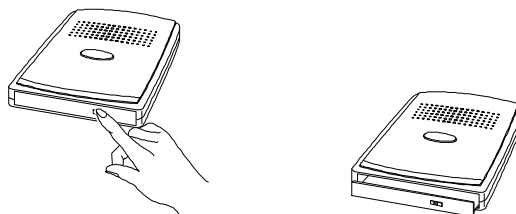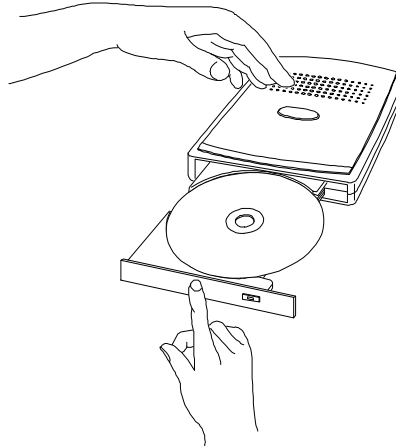
3. Hold down the drive and gently pull the tray out until a disc can be loaded.

4. Place the disc into the tray with the label side up and the hole in the center of the disc snapped onto the raised circle in the center of the tray. Make sure the disc is firmly seated horizontally.
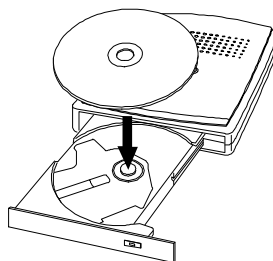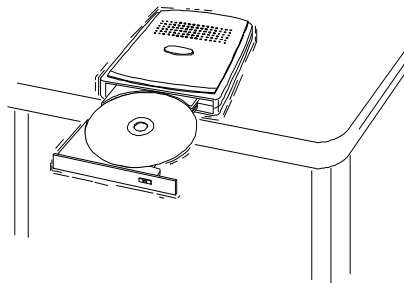
5. Hold down the drive and gently push the panel to close the tray.

6. Wait for a few seconds before the disc is ready to be accessed.

7. To remove a disc from the tray, press down on the holder's center while lifting out the disc by its edge.
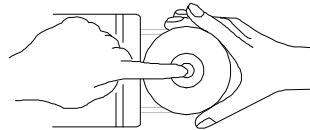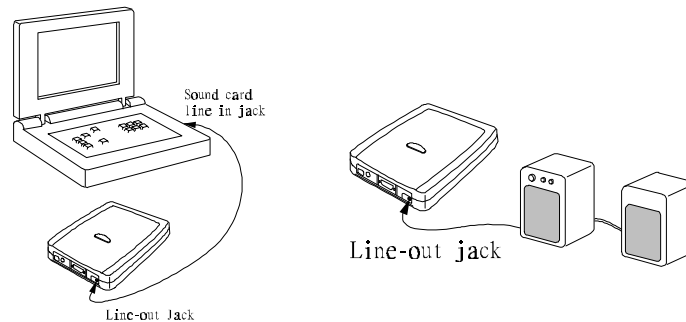

Note: Keep the DVD-ROM drive away from the edges of desk or table to avoid the drive accidentally falling down.

1. Connect the 3.5mm stereo audio cable from the Line-Out Jack of your DVD-ROM to your notebook's Line-In Jack or to an self-amplified speaker.

2. Make sure the CD Player utility has been installed in your Windows 95. If not, please go to My Computer\Control Panel\Add/Remove programs and click the Windows Setup\Multimedia to add the CD Player utility.

3. Place an Audio CD in your DVD-ROM.

4. The CD Player will then automatically play the audio CD.

Hot-Insert/Remove feature of the PCMCIA DVD-ROM

The PCMCIA interface, ideally you can hot-insert/remove the PCMCIA interface card, which means to insert, remove or exchange the card from your system at any time without rebooting or turning off your system. However, the PCMCIA DVD-ROM, being a storage device itself, can not be hot-removed when it is accessing the data. To avoid system failure, read the following instructions carefully before using the hot-removing feature.

For Windows 95, hot-swapping is allowable with more limits. To avoid system failure, always follow the steps below to hot-remove the PCMCIA DVD-ROM in Windows 95,

1. Click the PC card indicator on the task bar at the bottom right of the screen.
2. Click the command to stop the card you want to remove.
3. When the screen prompts, read the instruction carefully. If the system prompts you not to remove the card, DO NOT remove the card. You should exit the present application and return to step 1.

Be sure you are removing the card by the procedures described above, otherwise, the following dialog will be displayed:
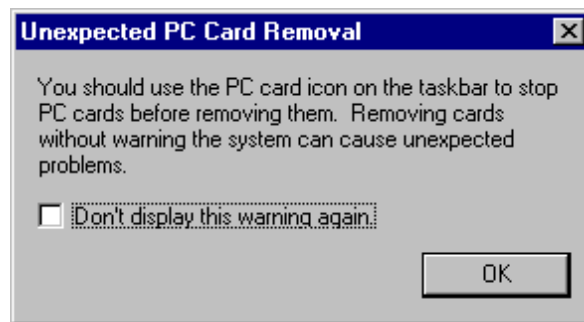
To display the PC card indicator on the task bar, perform the following steps,

1. Double-click the PC Card (PCMCIA) icon on the Control Panel.

2. Make sure the box showing the control on the task bar is checked. If the PC Card (PCMCIA) wizard appears when you click the button in step 1, follow the instructions. Restart your computer, then double-click the PC Card (PCMCIA) icon in the Control Panel, and check the box to view the status indicator on the task bar.

IF SOMETHING GOES WRONG

Following are the solutions for some of the problems you may encounter while using the PCMCIA DVD-ROM.

NOT ABLE TO ACCESS A DISC IN THE DRIVE

Solutions:

Make sure there's power to your drive. If you are using power direct from the PCMCIA socket, be sure that your system has enough power, otherwise, you must need an AC adapter to power the drive.

Make sure the tray has been closed properly. Press gently and firmly until it clicks into place.

Eject the tray and remove the disc, then make sure the tray is clean. Any dirt may interfere with the laser beam.

Examine the disc to see whether it is dirty. If necessary, wipe it with a clean tissue.

Replace the disc in the tray. Make sure the disc is lying flat, label side up. Push to close the tray completely.

THE TRAY DOES NOT SLIDE OUT

Solutions:

Check the power LED to make sure the drive is powered on.

There is an emergency hole on the front panel next to the eject button. Insert a pin-shaped item such as a paper clip to manually eject the tray if there is no power to the drive.

SOME CD RUN CORRECTLY BUT OTHERS DO NOT

Solutions:

Check the type of the CD you are using. The drive supports ISO 9660, Audio CD, Video CD.

The color of the materials used to make the CD can also affect its reliability. Silver colored CDs are the most reliable, followed by gold-colored CDs. Green-colored CDs are the least reliable.

If the DVD-ROM drive power selector switch is set to PC, shutdown the computer. Try to set the switch to DC and connect the AC adapter.